

ABSTRACT OF THE DISCLOSURE

An equalizer substantially eliminates a ghost of a received main signal by (i) applying coefficients b (where b may be equal to one) to the received main signal and the ghost in order to modulate the received main signal and the ghost so that the received main signal and the ghost are unequal, (ii) applying coefficients a to the modulated received main signal and ghost in order to substantially eliminate the ghost, and (iii) applying coefficients c as a window function to the substantially ghost-free received main signal in order to remove the modulation imposed on the received main signal by the coefficients b .